

MAR-28-2002 THU 09:35 AM 3R

FAX NO. 978 341 0136

P. 02

Page 1 of 1

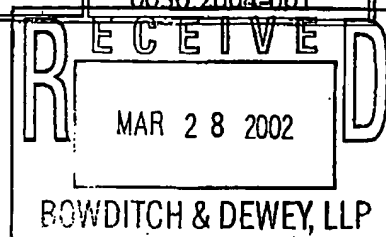


## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20591  
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Application Number	Filing Date	First Named Applicant	Atty. Docket No.
09/844,286	04/27/2001	Yang, Changhui	0050,2004-001

THOMAS O. HOOVER, ESQ.  
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.  
Two Militia Drive  
Lexington MA 02421-4799



Title: Methods and systems using field-based light scattering spectroscopy

Date Mailed: 03/15/2002

## Request for Substitute Papers

**DOCKETED**  
Due 29 MAR 2002

The papers filed on 01/15/02 (certificate of mailing dated 11/20/01) are no longer in condition to become part of the permanent records of the United States Patent and Trademark Office (USPTO) for this application (37 CFR 1.52(a)) due to the United States Postal Service sanitization process.

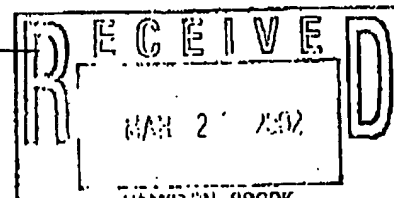
The USPTO requests that applicant provide a copy of the above-identified papers (except for any U.S. or foreign patent documents submitted with the above-identified papers) with a statement that such copy is a complete and accurate copy of the above-identified papers (signing and returning a copy of this notice will provide such a statement). The reply to this letter should be submitted to the USPTO by facsimile at the number indicated 703-746-4060(OIPE).

Alternatively, the reply to this letter may be hand-carried to the Customer Service Window located in Room 1B03 of Crystal Plaza Building 2, Arlington, Virginia, 22202.

The USPTO strongly prefers that the reply to this letter be submitted by facsimile. However, if applicant cannot submit the reply to this letter by facsimile (or hand-delivery), the reply may be mailed to, Box Duplicate OIPE, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202-2327.

This letter is not a notice under 37 CFR 1.251. However, failure to timely reply to this notice within two (2) weeks of the date of receipt of this letter may result in the USPTO issuing a notice under 37 CFR 1.251. A copy of this notice should be included with the reply.

The enclosed papers are a complete and accurate copy of the above-identified papers.

Name: MONICA GREWAL Registration No.: 40,056Signature: Monica Grewal Date: March 29, 2002

BALTIMORE  
PM  
JAN 23 2002

**RECEIVED**

JAN 25 2002

BOWDITCH & DEWEY, LLP  
161 Worcester Road, 6<sup>th</sup> Floor  
Framingham, MA 01701-9320

BOWDITCH & DEWEY, LLP

20

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OIP  
MAR 29 2002

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PREVIOUSLY DOCKETED

Patent & Trademark Office  
JAN 15 2002

Initials: MG/srl  
Docket No.: 301505.2004-001  
Date: 11/20/01

This is to acknowledge receipt of the following documents each filed under Certificate of Mailing  
Procedure 37 C.F.R. 1.8:

☒ Reply to Notice to File Missing Parts w/copy (Formalities Letter Attached)

☒ EXECUTED DECL/POA 2 docs

☒ FILING FEE w/Fee Transmittal w/copy 8 sheets

☒ SURCHARGE included

☒ SUBSTITUTE DRAWINGS

☒ Check for (\$2,150.00)

☐ Other

☐ Authorization to Charge all Fees

☐ SEQ LIST (separate transmittal) Figs. 1 - 8

☐ Stmt of Small Entity Status 8 pages

Filed: April 29, 2001  
Title: Methods and Systems Using Field-Based Light Microscopy Spectroscopy  
Applicant(s): Changhui Yang et al.  
Application No. 09/844,286  
Date received by the PTO: (PATENTSV0150520042004-001VF0198806.DOC.1)

09/844,268

-1-

MG/srl

Date: November 20, 2001

PATENT APPLICATION

Docket No.: 301505.2004-001

Prior Docket No.: 0050.2004-001

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Changhuei Yang, Adam P. Wax, Lev T. Perelman, Ramachandra R. Dasari  
and Michael S. Feld

Application No.: 09/844,286

Group: 2877

Filed: April 27, 2001

Examiner: Not assigned

For: Methods and Systems Using Field-Based Light Scattering Spectroscopy

<b>CERTIFICATE OF FACSIMILE TRANSMISSION</b>	
I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office:	
on <u>March 29, 2002</u>	<u>Sharon R. Lloyd</u>
Date	Signature
<u>Sharon R. Lloyd</u>	
Typed or printed name of person signing certificate	

COPY OF PAPERS  
ORIGINALLY FILED  
01/15/02REPLY TO REQUEST FOR SUBSTITUTE PAPERSOffice of Initial Patent Examination (OIPE)  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

In reply to the Request for Substitute Papers dated March 15, 2002, applicant's attorney is transmitting a copy of the papers received in the U.S. Patent and Trademark Office on January 15, 2002 and mailed with a certificate of mailing dated November 20, 2001. A copy of the postcard receipt which was mailed with the referenced documents is attached herewith. The attached copies are complete and accurate copies of the papers mailed on November 20, 2001 and are identified in the referenced request. A copy of the executed Request is attached.

09/844,268

-2-

As indicated in the Declaration and Power of Attorney, all correspondence should be forwarded to:

Thomas O. Hoover, Esq.  
Bowditch & Dewey, LLP  
161 Worcester Road  
Post Office Box 9320  
Framingham, MA 01701-9320  
Telephone: 508 879-5700  
Fax: 508 929-3073

Please acknowledge that applicant's attorney's check for filing fees in the amount of \$2,150.00 mailed with the referenced documents has been properly accounted for in connection with the above identified application.

Respectfully submitted,

BOWDITCH & DEWEY, LLP

By Monica Grewal  
Monica Grewal  
Registration No.: 40,056  
Tel.: (508) 879-5700  
Fax: (508) 929-3073

Framingham, Massachusetts 01701-9320

Date: March 29, 2002.



161 Worcester Road, P.O. Box 9320  
Framingham, MA 01701-9320  
Telephone: (508) 879-5700  
Facsimile: (508) 872-1492

www.bowditch.com

Bowditch & Dewey, LLP

MAR 29 2002

### FACSIMILE TRANSMITTAL SHEET

<b>TO:</b>	<b>FAX NUMBER:</b>
Office of Initial Patent Examination (OIPE) United States Patent and Trademark Office	703 746-4060
<b>DATE:</b>	<b>PHONE NUMBER:</b>
March 29, 2002	
<b>FROM:</b>	<b>TOTAL NO. OF PAGES INCLUDING COVER:</b>
Monica Grewal, Esq.	26
<b>RE:</b>	<b>CLIENT/MATTER NUMBER:</b>
Reply to Request for Substitute Papers Application No. 09/844,286 Filing date 04/27/002 First Named Applicant: Yang, Changhuei Attorney Docket No. 0050.2004-001 Title: Methods and Systems Using Field- based Light Scattering Spectroscopy	301505.2004-001

URGENT	FOR REVIEW	PLEASE COMMENT	PLEASE REPLY	PLEASE RECYCLE
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Reply to Request for Substitute Papers  
Reply to Notice to File Missing Parts w/copy (Formalities Letter Attached)  
including Pet Ext Time w/fee  
EXECUTED DECL/POA      2 docs      8 pages  
FILING FEE w/Fee Transmittal w/copy  
SURCHARGE included  
SUBSTITUTE DRAWINGS      8 sheets      Figs. 1 - 8  
Check for (\$2,150.00)

#### CONFIDENTIALITY NOTE

The documents accompanying this facsimile transmission contain information from the law firm of Bowditch & Dewey, LLP which is confidential and/or privileged. The information is intended to be for the use of the individual or entity named on this transmission sheet. If you are not the intended recipient, be aware that any disclosure, copying, distribution or use of the contents of this faxed information is prohibited. If you have received this facsimile in error, please notify us by telephone immediately so that we can arrange for the retrieval of the original documents at no cost to you.

If you do not receive all pages or receive this fax in error, please call Sharon Lloyd 508 416-2477

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ORIGINALLY FILED  
01/15/02

MG/srl

Date: November 20, 2001

## PATENT APPLICATION

Docket No.: 301505.2004-001

Prior Docket No.: 0050.2004-001

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Changhuei Yang, Adam P. Wax, Lev T. Perelman, Ramachandra R. Dasari  
and Michael S. Feld

Application No.: 09/844,286

Group: 2877

Filed: April 27, 2001

Examiner: Not assigned

For: Methods and Systems Using Field-Based Light Scattering Spectroscopy

MAR 29 2002

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231

on November 20, 2001 Sharon R. Lloyd  
Date SignatureSharon R. Lloyd  
Typed or printed name of person signing certificate

COPY

REPLY TO NOTICE TO FILE MISSING PARTS OF APPLICATIONBox Missing Parts  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In reply to the Notice to File Missing Parts dated June 25, 2001, the following documents and fees are being submitted for filing in the captioned application. A copy of the Notice is attached.

- ☒ **EXECUTED DECLARATION/POWER OF ATTORNEY**  
(Separate transmittal letter and postcard not required)
- ☒ **FILING FEE** - with Fee Transmittal for Patent Applications in duplicate.  
(Separate transmittal letter and postcard not required)
- ☒ **SURCHARGE** - surcharge fee of \$130.00.  
(Separate transmittal letter and postcard not required)
- ☐ **SEQUENCE LISTING** - Filed concurrently and is attached.  
(Separate transmittal letter and postcard required)

(J:\CLIENTS\ip\301505\2004\2004-001\F0198671.DOC;1)

09/844,268

-2-

**[X] TRANSMITTAL OF SUBSTITUTE DRAWINGS**

**[X]** Sheets of substitute drawings consisting of Figs. 1 - 8 are enclosed.  
(Separate transmittal letter and postcard not required)

**[X] PETITION FOR EXTENSION OF TIME**

**[X]** Applicant hereby petitions to extend the time to respond to the Notice to File Missing Parts dated June 25, 2001 for three (3) month(s) from August 25, 2001 to November 25, 2001. The appropriate fee of \$920.00 is included in the enclosed check.

**[ ]** A **[ ]** month extension of time to respond to the Notice to File Missing Parts dated **[ ]** was filed on **[ ]** with payment of a \$**[ ]** fee.

**[ ]** Applicant hereby petitions for an additional **[ ]** month extension of time to respond to the Notice to File Missing Parts. The appropriate fee of \$**[ ]** is included in the enclosed check.

(Separate Petition for Extension of Time and postcard not required)

**[ ] REQUEST FOR CORRECTED FILING RECEIPT - Filed concurrently and is attached.**

(Separate transmittal letter and postcard required)

**[ ] STATEMENT CLAIMING SMALL ENTITY STATUS**

**[ ]** Was filed on **[ ]**.

**[ ]** Is enclosed herewith.

(Separate transmittal letter and postcard not required)

**[ ]** In view of the small entity status of the captioned application, we hereby request a reimbursement of 50% of the filing fees in the amount of \$**[ ]** which were paid on **[ ]** to be deposited in Deposit Account No.

The fees required for filing the indicated documents are enclosed in the form of a check in the total amount of \$2,150.00. Please charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 50-1935. A copy of this letter is enclosed for accounting purposes.

Respectfully submitted,

BOWDITCH & DEWEY, LLP

By Monica Grewal

Monica Grewal

Registration No.: 40,056

Tel.: (508) 879-5700

Fax: (508) 929-3073

Framingham, Massachusetts 01701-9320

Date: November 20, 2001

## BOWDITCH &amp; DEWEY, LLP

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FEE TRANSMITTAL FOR  
PATENT APPLICATIONS

Attorney Docket Number	301505.2004-001
Prior Docket Number	0050.2004-001
Application Number	09/844,286
First Named Inventor	Changhuei Yang

## CLAIM CALCULATION (includes any preliminary amendment)

CLAIMS	(1) FOR	(2) NUMBER FIELD	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS (37 CFR 1.16(b) or (j))	40 - 20* =	20	x \$ 18 =	\$ 360.00
	INDEPENDENT CLAIMS (37 CFR 1.16(b) or (j))	3 - 3** =	0	x \$ 84 =	\$ 0
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))			+ \$ 270 =	\$
				BASIC FEE (37 CFR 1.16(a) or (h))	\$ 740.00
				Total of above Calculations =	\$ 1,100.00
	Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27, 1.28) =				\$
				TOTAL =	\$ 1,100.00
	Surcharge - Late Filing of Declaration or Filing Fees (37 C.F.R. 1.16(e)) =				\$ 130.00
	Petition for Extension of Time Fee (37 C.F.R. 1.17) =				\$ 920.00
	Assignment Recordation Fee = (only when filed with application)				\$ 0
	* Reissue claims in excess of 20 and over original patent ** Reissue independent claims over original patent			TOTAL =	\$ 2,150.00

## 1. Small entity status:

- a. ☐ A small entity statement is enclosed.
- b. ☐ A small entity statement was filed in the prior non-provisional application and such status is still proper and desired
- c. ☐ is no longer claimed.

2. ☒ A general authorization is hereby granted to charge deposit account number 50-1935 for any fees required under 37 CFR 1.16 and 1.17 in order to maintain pendency of this application. A copy of this authorization is enclosed for accounting purposes.

3. ☒ A check is enclosed for \$2,150.00. ☐ Please charge \$[ ] to Deposit Account No. 50-1935.

4. ☐ Other: \_\_\_\_\_

Signature	<i>Monica Grewal</i>	Date	<i>November 20, 2001</i>
Submitted by Typed or Printed Name	Monica Grewal	Reg. Number	40,056





## UNITED STATES PATENT AND TRADEMARK OFFICE

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01/15/82

MAR 29 2002

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/844,286	04/27/2001	Changhui Yang	0050.2004-001

CONFIRMATION NO. 9999

## FORMALITIES LETTER

\*OC00000006221544\*

THOMAS O. HOOVER, ESQ.  
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.  
Two Militia Drive  
Lexington, MA 02421-4799

COPY

Date Mailed: 06/25/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

## Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$360.
  - \$360 for 20 total claims over 20.
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1200.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

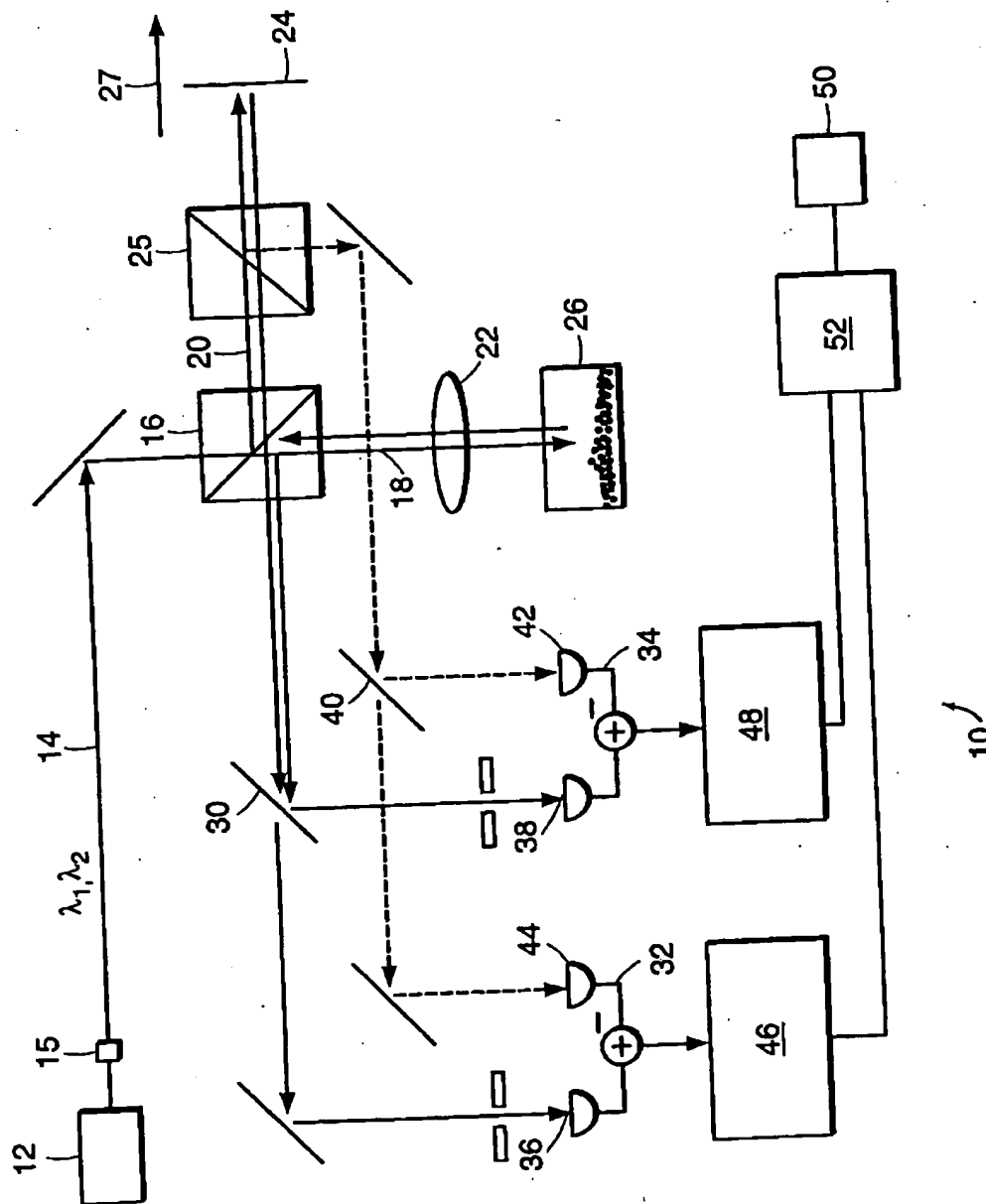


Pat. No.: 301505.2004-001  
 Prior Docket No.: 0050.2004-001  
 Title: Methods and Systems Using...Spectroscopy  
 Inventors: Changhui Yang et al.

1/8

COPY

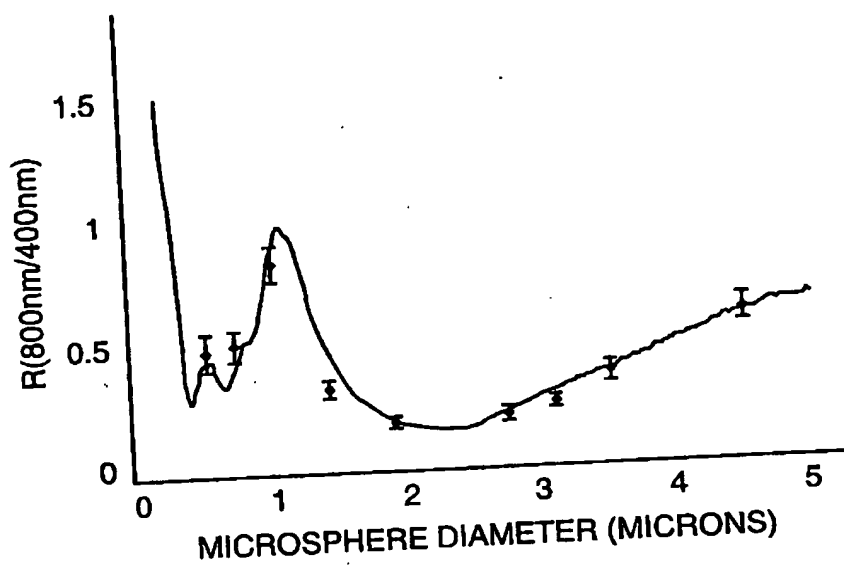
FIG. 1



Docket No.: 301505.2004-001  
Prior Docket No.: 0050.2004-001  
Title: Methods and Systems Using...Spectroscopy  
Inventors: Changhui Yang et al.

**COPY**

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**FIG. 2**

Docket No.: 301505.2004-001  
 Prior Docket No.: 0050.2004-001  
 Title: Methods and Systems Using...Spectroscopy  
 Inventors: Changhui Yang et al.

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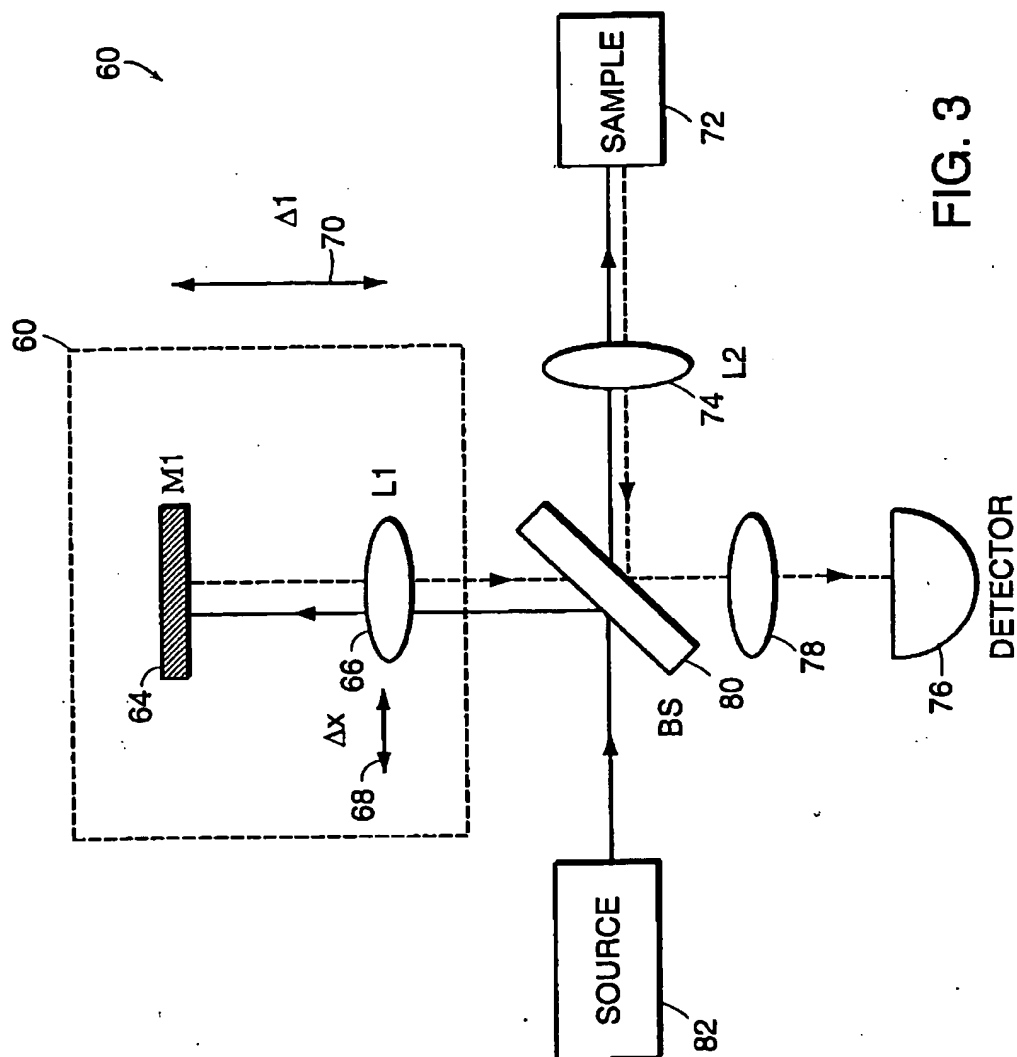


FIG. 3

Docket No.: 301505.2004-001  
Prior Docket No.: 0050.2004-001  
Title: Methods and Systems Using...Spectroscopy  
Inventors: Changhui Yang et al.

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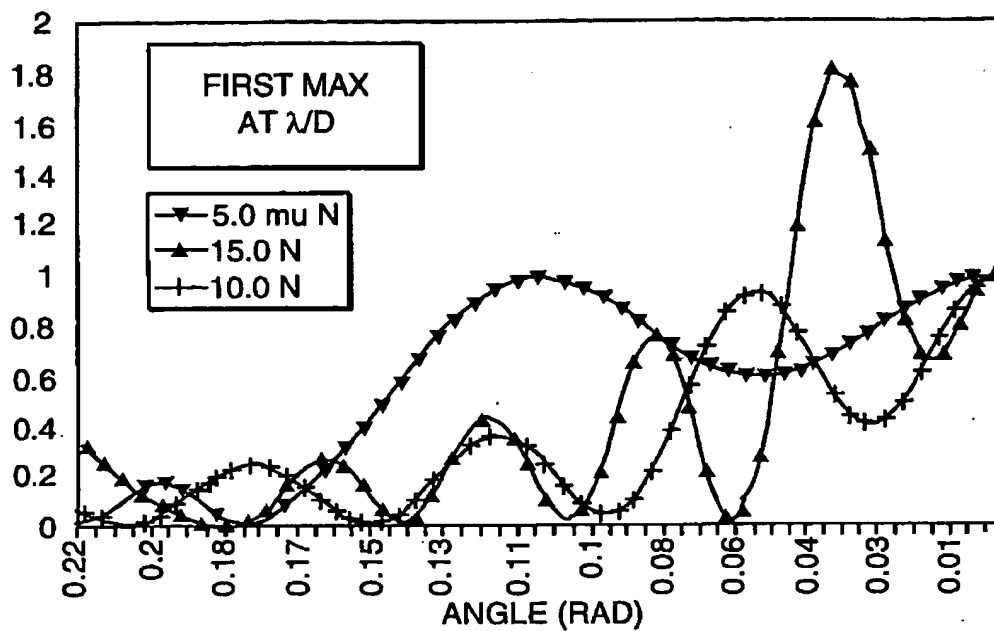


FIG. 4A

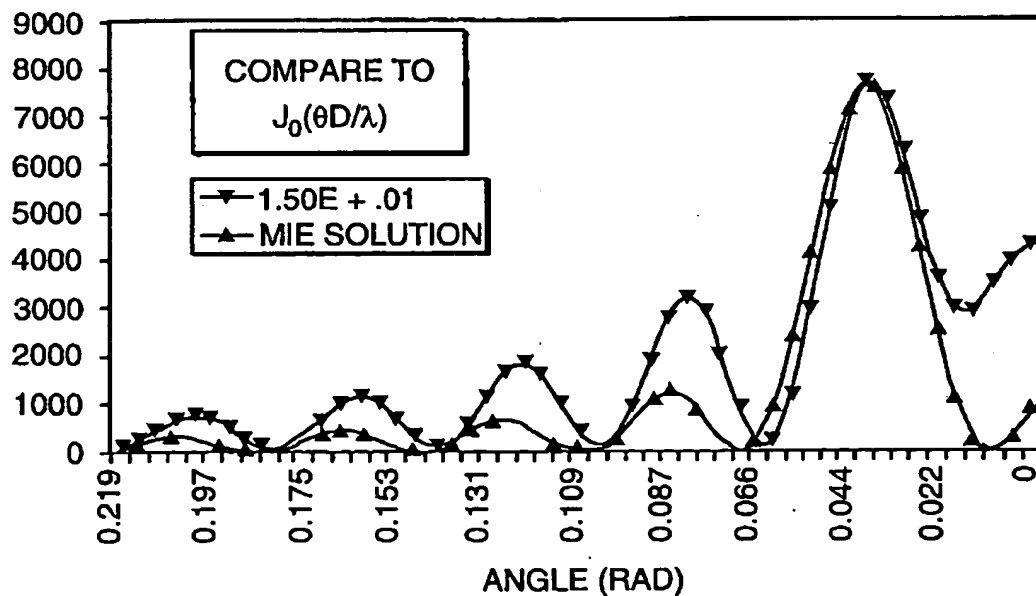
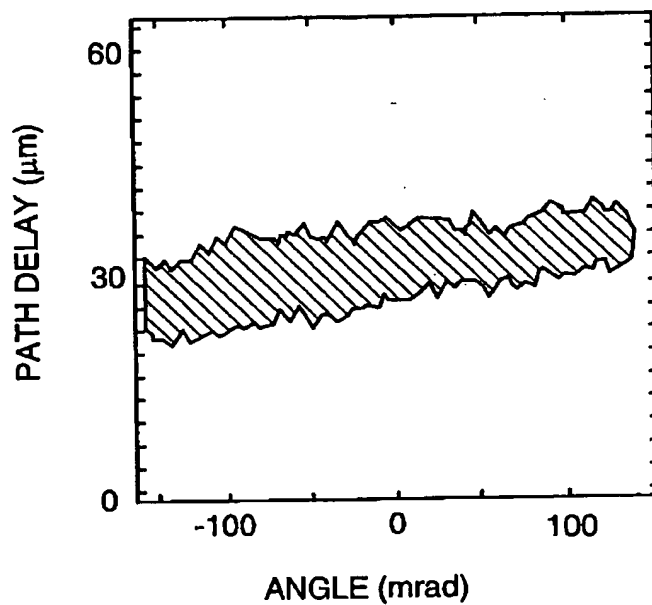
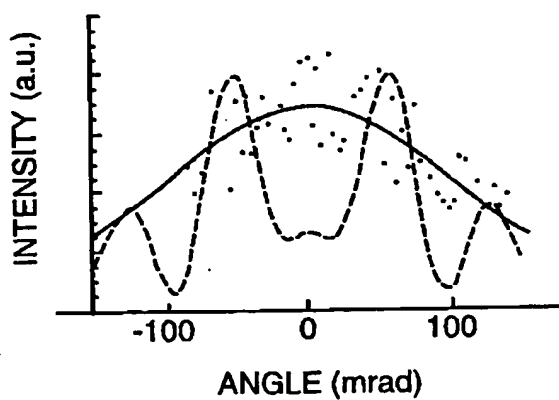


FIG. 4B

Docket No.: 301505.2004-001  
Prior Docket No.: 0050.2004-001  
Title: Methods and Systems Using...Spectroscopy  
Inventors: Changhui Yang et al.

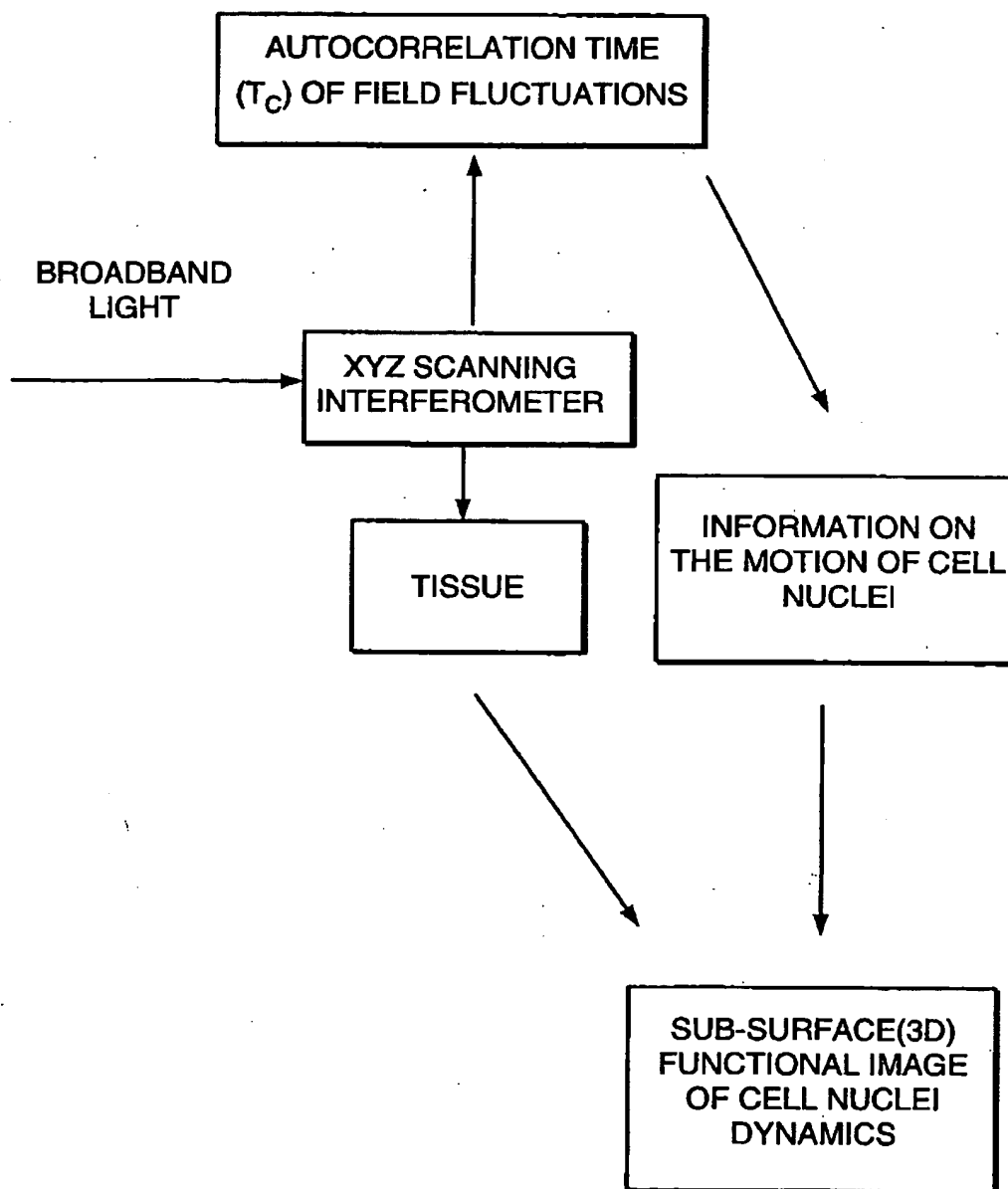
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**FIG. 5A****FIG. 5B**

Docket No.: 301505.2004-001  
Prior Docket No.: 0050.2004-001  
Title: Methods and Systems Using...Spectroscopy  
Inventors: Changhui Yang et al.

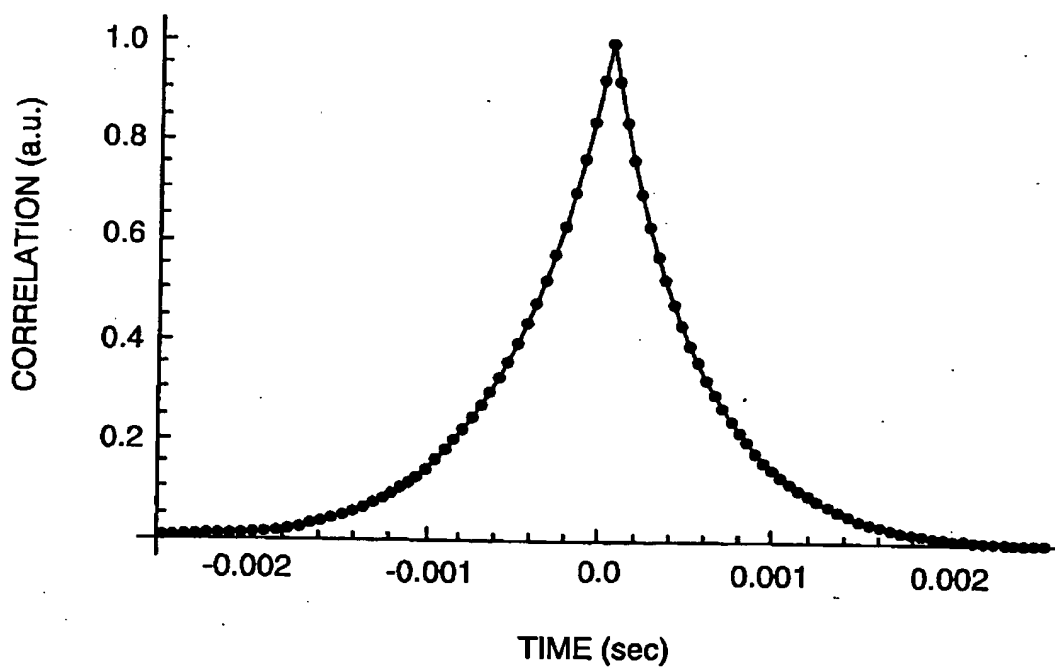
6/8

**COPY****FIG. 6**



Docket No.: 301505.2004-001  
Prior Docket No.: 0050.2004-001  
Title: Methods and Systems Using...Spectroscopy  
Inventors: Changhui Yang et al.

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**COPY****FIG. 7**

Docket No.: 301505.2004-001  
 Prior Docket No.: 0050.2004-001  
 Title: Methods and Systems Using...Spectroscopy  
 Inventors: Changhui Yang et al.

**COPY**

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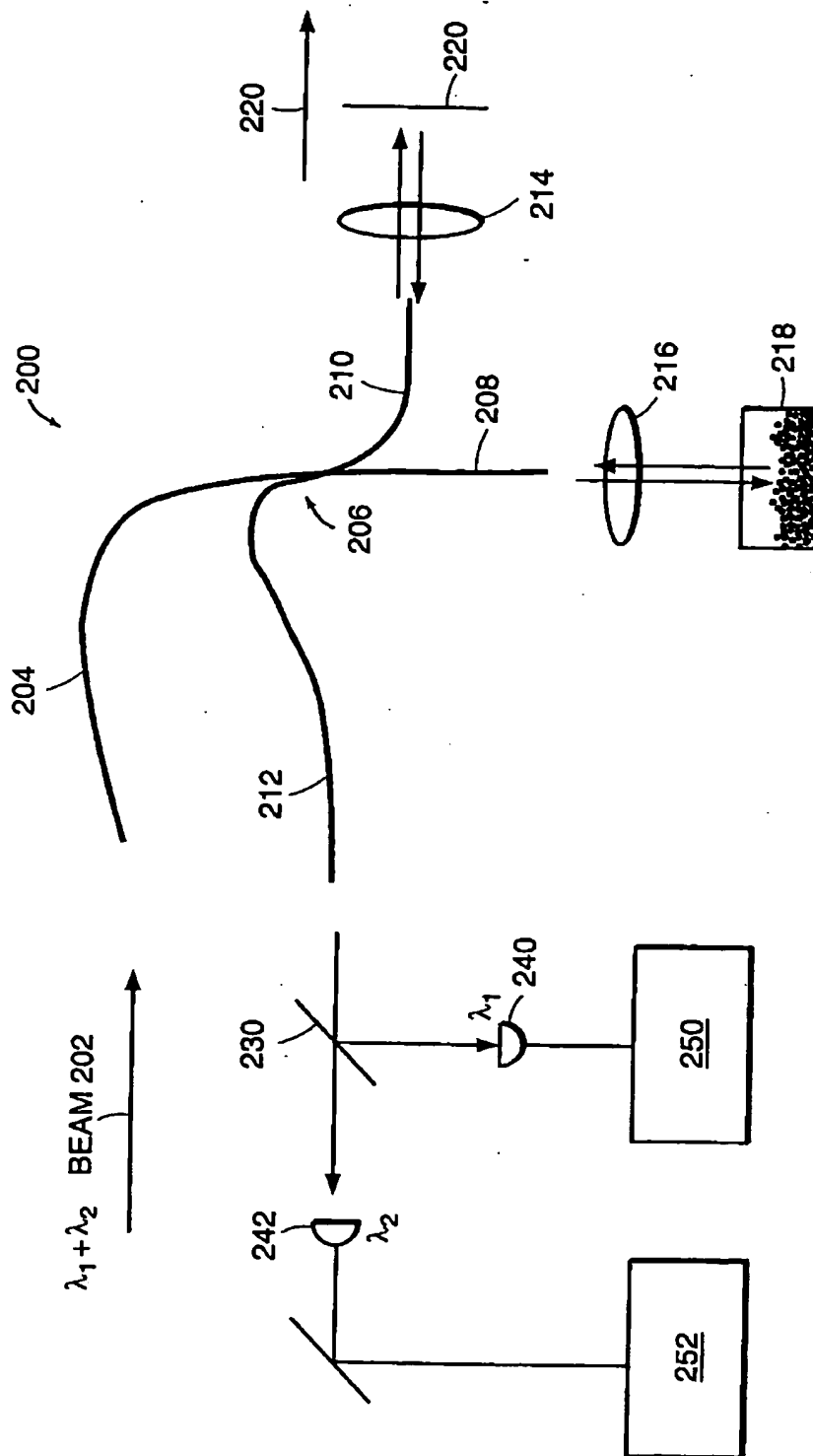


FIG. 8

MAR 29 2002

DOCKET NO. (Prior 0050.2004-001)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHODS AND SYSTEMS USING FIELD-BASED LIGHT SCATTERING SPECTROSCOPY

the specification of which (check one)

- ☐ is attached hereto.
- ☒ was filed on April 27, 2001 as United States Application

Number or PCT International Application No. 09/844,286

and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?	
				YES	NO
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(J:\CLIENTS\p020932\0900\00230230.DOC;1)

**COPY**  
COPY OF PAPERS  
ORIGINALLY FILED  
01/10/02

**COPY**

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

60/200,187  
(Application Number)

April 28, 2000  
(Filing Date)

(Application Number)

(Filing Date)

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)

(Filing date)

(Status: patented, pending, abandoned)

(Application Serial No.)

(Filing date)

(Status: patented, pending, abandoned)

(Application Serial No.)

(Filing date)

(Status: patented, pending, abandoned)

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

I also hereby grant additional Powers of Attorney to the following attorney(s) and/or agent(s) to file and prosecute an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states:

Thomas O. Hoover      Reg. No. 32,470  
Monica Grewal        Reg. No. 40,056

Bowditch & Dewey, LLP  
161 Worcester Road  
Framingham, Massachusetts 01701-9320

and

to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

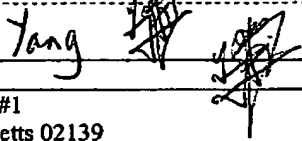
Please send correspondence to: Thomas O. Hoover  
161 Worcester Road  
Framingham, Massachusetts 01701-9320

Direct telephone calls to: Thomas O. Hoover      Telephone No.: 508-879-5700


Direct facsimiles to: Thomas O. Hoover      Facsimile No.: 508-929-3073

**COPY**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made in information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole  
or first inventor Changhui Yang   
Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence 136 Cambridge Street, #1  
Cambridge, Massachusetts 02139  
United States of America

Citizenship \_\_\_\_\_  
Mailing Address Same as above

Full name of sole  
or first inventor Adam P. Wax  
Inventor's Signature  Date \_\_\_\_\_  
Residence 151 Tremont Street, #11T  
Boston, Massachusetts  
United States of America

Citizenship \_\_\_\_\_  
Mailing Address Same as above

Full name of sole  
or first inventor Lev T. Perelman  
Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence 420 Malden, #1107  
Malden, Massachusetts 02148  
United States of America

Citizenship United States  
Mailing Address Same as above

Full name of sole  
or first inventor Ramachandra R. Dasari  
Inventor's Signature Ramachandra R. Dasari Date 08/22/01  
Residence 6 Great Rock Road  
Lexington, Massachusetts 02476 02421  
United States of America

Citizenship USA  
Mailing Address Same as above

Full name of sole  
or first inventor Michael S. Feld  
Inventor's Signature Michael S Feld Date 8/23/01  
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**COPY**

Docket No. : 301505.2004-001  
Prior Docket N. : 0050.2004-001)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHODS AND SYSTEMS USING FIELD-BASED LIGHT SCATTERING SPECTROSCOPY

the specification of which (check one)

☐ is attached hereto.

☒ was filed on April 27, 2001 as United States Application 09/844,286

Number or PCT International Application No.

and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?	
				YES	NO
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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**COPY**

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

<u>60/200,187</u>	<u>April 28, 2000</u>
(Application Number)	(Filing Date)
(Application Number)	(Filing Date)

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

I also hereby grant additional Powers of Attorney to the following attorney(s) and/or agent(s) to file and prosecute an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states:

Thomas O. Hoover	Reg. No. 32,470
Raymond I. Bruttomesso, Jr.	Reg. No. 33,840
Monica Grewal	Reg. No. 40,056

Bowditch & Dewey, LLP  
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and \_\_\_\_\_

to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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